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Temperature Control

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TEMPERATURE CONTROL

Timothy H. Roberts
EET 492
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This temperature control system allows the operator to select constant temperatures for two tanks of liquid. A T-type thermo-couple and a semiconductor-temperature transducer give a voltage proportional to the temperatures of the liquid in the tanks. This voltage is converted to a digital representation of the temperature and entered into a micro-processor-based system that is designed to monitor the temperatures of the tanks and regulate heaters to maintain the desired temperatures.

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